Subsequent Report of Abandonment

FILE

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief PMB
Approval Letter 12-31-68
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 11-24-68

Location Inspected .....

OW..... WW..... TA.....
GW..... OS..... PA ✓

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log 12-2-68
Electric Logs (No.) NLR

E..... I..... Dual I Lat..... GR-N..... Micro..... 4-1-93 ger
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

January 9, 1968

Leo J. Dreiling & Sons, Inc.

Victoria, Kansas

Re: Well No. Hiko Bell-Dreiling Fed. #1, Sec. 21, T. 3 S., R. 24 E., Well No. Hiko Bell Fee #1, Sec. 20, T. 5 S., R. 23 E., Uintah County, Utah.

Gentlemen

In checking our files, it has come to the attention of this office that you have not as yet filed the water sands encountered while drilling for the above mentioned well.

Please complete the enclosed Form OGC-8-X, and return to this office as soon as possible.

Thank you for your cooperation with respect to this request.

Sincerely,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

sc

Enclosures: Form OGC-8-X

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-3863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME:

9. WELL NO.: Mike Ball No. 1 Federal

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: T3S, R24E, Sec. 21

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] OTHER Wildcat SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Lee J. Drilling & Sons, Inc.

3. ADDRESS OF OPERATOR: Victoria, Kansas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 410' FNL & 920' FWL, NW 1/4 NW 1/4 Section 21, Township 3 South, Range 24 East, S.L.M.
At proposed prod. zone: NE NW NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 14 miles northeast of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 410'

16. NO. OF ACRES IN LEASE: 1120.00

17. NO. OF ACRES ASSIGNED TO THIS WELL: 10

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1000'

19. PROPOSED DEPTH: 4000' Wober Test

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5768.5, Ungraded, ground

22. APPROX. DATE WORK WILL START*: October 21, 1968

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	28#	200'	Cement to surface
7-7/8"	5-1/2"	14#	4000'	Production string if oil or gas is found

Well is scheduled as a 4000' Wober test using rotary tools. Plan to drill 13-3/4" hole to 200' and set 200' of 10-3/4", 14# casing and cement to surface. Plan to drill 7-7/8" hole to top of Wober or 4000', using conventional drilling mud. Anticipate spudding on October 21, 1968.

Paul: See plat for topographical exception.
SH

90' to far north
90' to far east
Off the North flank of Split Mountain
in a drainage crash - Exception can be
Granted if they own acreage in 660' radius - OMB

43-047-30036

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED Robert E. Carrington TITLE Geologist DATE September 16, 1968
Robert E. Carrington

(This space for Federal or State office use)

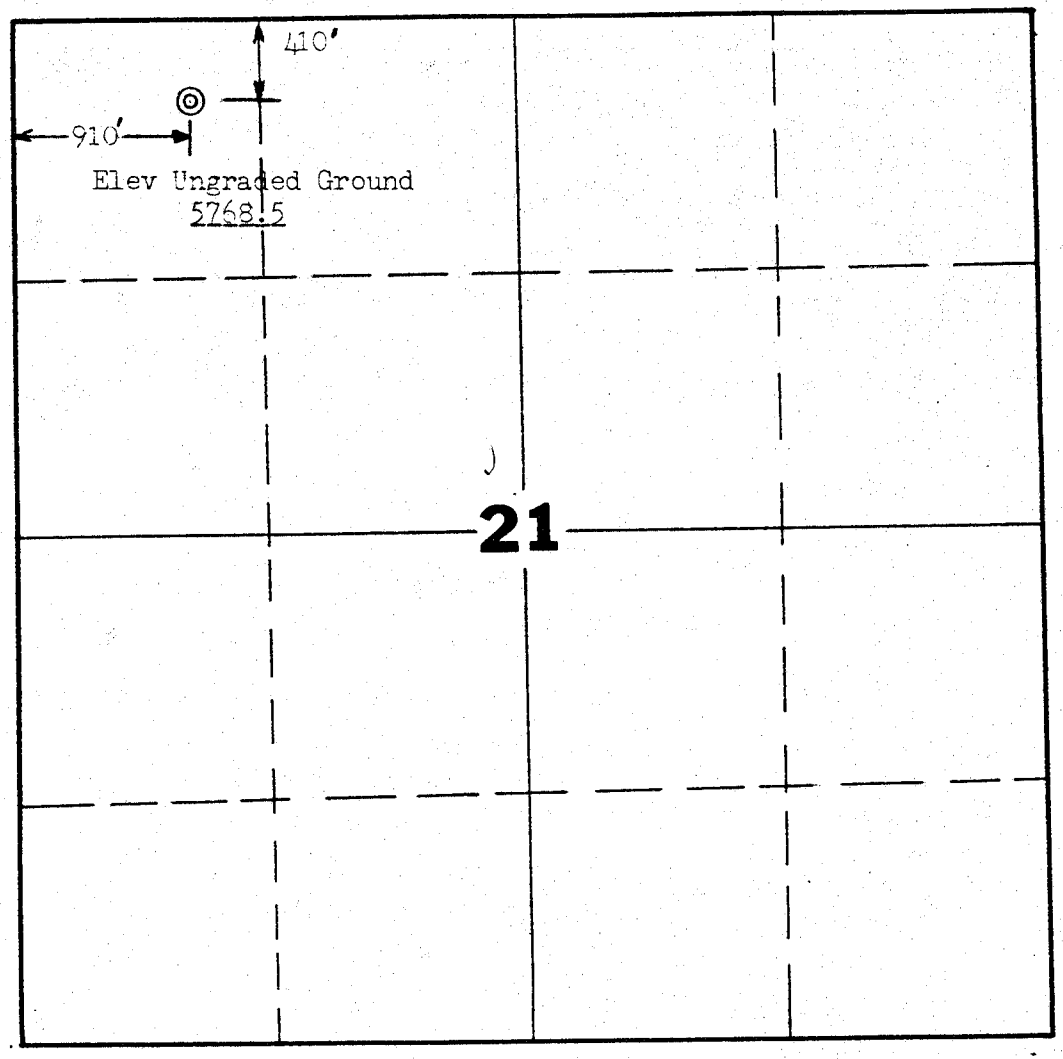
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T3S., R24E., SLB & M



HIKO BELL MINING & OIL COMPANY
P.O. DRAWER AB
VERNAL, UTAH

PROJECT

LEO J. DREILING & SONS, INC.-HIKO BELL MINING AND OIL COMPANY NO. 1 FEDERAL WELL LOCATION, LOCATED AS SHOWN IN THE NW 1/4 OF THE NW 1/4 OF SECTION 21, T3S, R24E, SLB & M, UINTAH COUNTY, UTAH.

OPERATOR REQUESTS PERMISSION FOR EXCEPTION TO REGULAR SPACING DUE TO EXTREMELY ROUGH TERRAIN.

N

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert E. Covington
Certified Petroleum Geologist #1705
Vernal, Utah

SCALE: 1" = 1000'
PARTY: REC, DG & RS
WEATHER: CLOUDY & COLD

DATE: 5 SEPTEMBER 1980
REFERENCES: GLO PLAT
FILE: HIKO BELL

Form 9-1123
(Rev. Dec. 1957)

(Submit in triplicate to appropriate Regional Oil & Gas or Mining Supervisor)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Utah
SERIAL NO.: U-3863

and hereby designates

NAME: Leo J. Dreiling & Sons, Inc.
ADDRESS: Victoria, Kansas

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 3 South - Range 24 East, SLM, Uintah County, Utah

Section 21: All
Section 22: N 1/2 SW 1/4

Containing 1120 acres, more or less.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Mike Bell Mining & Oil Company

By: Robert E. Covington
(Signature of lessee)
Robert E. Covington, Vice President

October 17, 1968
(Date)

P.O. Drawer AB, Vernal, Utah 84078
(Address)

U. S. GOVERNMENT PRINTING OFFICE 16—53598-3

October 31, 1968

Leo J. Dreiling & Sons, Inc.

Victoria, Kansas

Re: Well No. Hiko Bell No. 1 Federal,
Sec. 21, T. 3 S., R. 24 E.,
Uintah County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon a letter stating that your company owns all the acreage in a 660' radius of the proposed well site, or a written statement of approval by the offset lessee.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, Report of Water Encountered During Drilling, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Rec'd Sig Safety Inspection Form -

The API number assigned to this well is 43-047-30036 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sc

cc: U. S. Geological Survey
Rodney Smith, District Engineer
8416 Federal Building
Salt Lake City, Utah

Rotary Contractor
Oil Producer

Phone REpublic 5-4110

L. J. DREILING & SONS, INC.
VICTORIA, KANSAS 67671

November 4, 1968

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Hiko Bell No. 1 Federal
Sec. 21, T. 3S., R. 24 E.,
Uintah County, Utah.

Attn: Cleon B. Feight

Dear Mr. Feight:

We are replying to your letter of October 31, 1968 in reference to the above caption well.

We are the owner of one-half interest within 600' radius of the proposed well site and Hiko Bell Mining & Oil Co., Drawer AB, Vernal, Utah owns the other one-half interest. This well is being drilled jointly by Hiko Bell and us.

Sincerely,

L. J. Dreiling & Sons, Inc.

Leo F. Dreiling

LFD:emb

INDUSTRIAL COMMISSION OF UTAH

RIG SAFETY INSPECTION

Name of Company Hiko-Bell Mining & Oil Co. Date 11/14/68

Name of Drilling Contractor Dreiling Drlg. Co.

Well Name and Number Hiko Bell-Dreiling Fed #1 Rig No. — Field Wildcat

Section 21 Township 3 S Range 24 E

County Uintah Driller D. E. Wirtz (Gene)

Number Present 4 Toolpusher Gary Oberhansly

Any lost-time accidents while on location none (in last 1½ yr)

Items causing lost-time accidents that have been corrected, or which need to be corrected none

Any new employees in crew 1 Have instructions been given the new crew members yes

	(Good) Yes	(Poor) No
Escape Line and Slide	✓	✓ (1)
Ladders, Side Rails, Steps	Fair	
Walk-Around Floor and Railing	✓	
Engines Guarded	✓	
Rotary Drive Guard		✓ (2)
Fire Control Available	Fair	
General Housekeeping		✓ (3)
Hard Hats	✓	
First Aid Kit		✓ (4)
Blowout preventer installed	Wet	
Cellar clean, No debris	✓	
Cathead	✓	
Safety belts available		

Unsafe practices that might cause a mishap, and recommendations made for a safe method of doing the job. Driller's helper wrapped foot around Cathead rope while utilizing it.

Drillers, Toolpushers or Drilling Superintendents reactions very cooperative and satisfied with rig & associated equipment.

Remarks Tripping at 2888 – Set 181' of 10¾ / cemented circulated (Chinle–Shinarump ≈ 2950)

(1) Anchored improperly & no slide – 11/13/68 requested by U.S.G.S. to correct

(2) ~~one on location~~ – not readily available

(3) Driller working on floor without hat

(4) Manual Controls not installed – 11/13/68 requested by U.S.G.S. to correct

* Both Pipe and blind rams checked and found in good working condition.

Deputy Inspector Paul W. Burchell – Utah Div. of Oil & Gas Conservation

Proposed 4000' Weber test – Unorthodox location legitimate – on top of hill – Can't move [illegible]

I, Robert E. Covington, Vice President, Hiko Bell Mining & Oil Company hereby declare that Hiko Bell controls all of the oil & gas leases within a 1 mile radius of the drilling Hiko Bell #1 Fed. well in NE NE 21, T 3S, R 24E, Uintah Co. Utah

11/14/68 Robert Covington

Core Analysis Service

COMPANY
WELL
DATE

PERMEABILITY, MD. X-----X
% POROSITY O———O
% WATER X-----X
% OIL O———O

DEPTH AND LITHOLOGY	PHYSICAL PROPERTIES		FLUID SATURATIONS		CORE RECORD
	PERMEABILITY, MD.	POROSITY %	WATER %	OIL %	

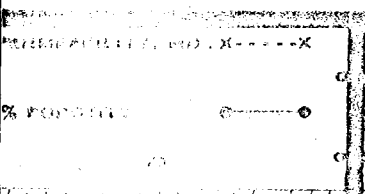
POOR COPY

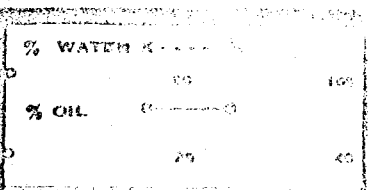
Core Analysis Service

COMPANY _____

WELL _____

DATE _____





DEPTH AND LITHOLOGY	PHYSICAL PROPERTIES		FLUID SATURATIONS		CORE RECOVERY
	PERMEABILITY, MD	POROSITY %	WATER %	OIL %	

POOR COPY

November 25, 1968

MEMO FOR FILING

43-047-30036 PA

D

Re: Dreiling Drilling Co.
Hiko Bell Federal #1
Sec. 21, T. 3 S, R. 24 E,
Uintah County, Utah

On November 25, 1968, Mr. Bud Covington called in reference to the above named well.

They have completed their drilling operations and after coring the Weber Formation, have decided to plug and abandon the test. The core of the Weber sandstone had 20% porosity, 150 md., and 100% wtr. saturation. The only ~~other~~ oil show found was above the Shinarump Formation. Due to difficulties from the hole bridging at 600' in the Dakota Formation, the operator was unable to run survey logs in the hole.

A plugging program was outlined by the U.S.G.S. and Mr. Covington will forward the Division all the necessary reports tomorrow.

WELL REPORT

LEO J. DREILING & SONS, INC.
HIKO BELL-DREILING NO. 1 FEDERAL
NW1/4 NW1/4 Section 21
Township 3 South, Range 24 East,
Uintah County, Utah

By

Robert E. Covington
C.P.G. #1705

November 25, 1968

Office: HIKO BELL MINING & OIL COMPANY
Vernal, Utah

CHRONOLOGICAL WELL HISTORY

Leo J. Dreiling & Sons, Inc.
Hiko Bell-Dreiling No. 1 Federal
NW1/4 NW1/4 Section 21
Township 3 South, Range 24 East,
Uintah County, Utah

Contractor: Dreiling Drilling Co., Inc.
Rig: No. 2, T-20
Spud: November 7, 1968 Completed: November 23, 1968,
T.D.: 4147' Plugged and abandoned

November 5: Rig up.

November 6: Rig up.

November 7: Drilled rat hole. Drilled surface hole at 3:00 P.M. Ream 15" hole. T.D. 205'

November 8: Ream surface hole. Ran 181.50' ot National 36# 10-3/4" casing, ran 6 joints, cemented with 160 sacks regular cement with 2% calcium chloride. Waiting on cement. Casing set at 193.0'.

November 9: Nipple up. Drilled mouse hole. Drilled from 205 feet to 306 feet.

November 10: Drilled from 306 feet to 840 feet.

November 11: Drilled from 840 feet to 1451 feet.

November 12: Drilled from 1451 feet to 2070 feet.

November 13: Drilled from 2070 feet to 2821 feet.

November 14: Drilled from 2831 feet to 2960 feet.

November 15: Drilled from 2960 to 3191 feet.

November 16: Drilled from 3191 feet to 3333 feet.

CHRONOLOGICAL WELL HISTORY
Hiko Bell-Dreiling No. 1 Federal
Page Two

November 17: Drilled from 3333 feet to 3443 feet.

November 18: Drilled from 3443 feet to 3617 feet.

November 19: Drilled from 3617 feet to 3758 feet.

November 20: Drilled from 3758 feet to 3840 feet. Cored with Christensen Diamond Bit from 3840 feet to 3848 feet.

November 21: Cored from 3848 feet to 3885 feet, Core #1.

November 22: Cored from 3885 feet to 3943 feet, Core #2. Drilled from 3943 feet to 3960 feet.

November 23: Drilled from 3960 feet to 4147 feet, T.D.

November 24: Mixed mud to combat water flow from Dakota at 600 feet. Attempted to run Schlumberger logs. Hole bridged. Set cement plugs at 3815 to 3900 feet, 2885 to 2955, 1940 to 2000, 1700 to 1760, 600 to 700, and at 181 feet. Plugged and abandoned.

HIKO BELL-DRILLING NO. 1 FEDERAL

HOLE DEVIATION SURVEY

DEPTH	DEVIATION
76 feet	1/4 degree
135 feet	1/2 degree
247 feet	1/4 degree
306 feet	3/4 degree
429 feet	1/2 degree
524 feet	1 degree
587 feet	1-1/4 degrees
650 feet	1-1/4 degrees
713 feet	1-3/4 degrees
777 feet	1-1/2 degrees
840 feet	1-3/4 degrees
903 feet	1-3/4 degrees
964 feet	1-3/4 degrees
1053 feet	1-3/4 degrees
1113 feet	2-1/2 degrees
1172 feet	2-1/2 degrees
1231 feet	2-1/2 degrees
1498 feet	1-3/4 degrees

HIKO BELL-DREILING NO. 1 FEDERAL
Hole Deviation Survey
Page Two

DEPTH	DEVIATION
1559 feet	2-1/2 degrees
1648 feet	2-1/4 degrees
1857 feet	1-3/4 degrees
2420 feet	2-3/4 degrees
2751 feet	2-3/4 degrees
3093 feet	3 degrees
3248 feet	2-1/4 degrees
3324 feet	2-1/2 degrees
3856 feet	3 degrees
3715 feet	3-1/2 degrees

HIKO BELL-DREILING NO. 1 FEDERAL

BIT RECORD

Bit Number	Manufacturer	Size	Type	Total Footage	Hours Run
1.	Reed	9"	VT3A	205'	
	Reed	15"	HV	205'	
2.	Smith	7-7/8"	DT	450'	16-1/2
3.	HTC	7-7/8"	OSC-3	462'	15
4.	Smith	7-7/8"	DT	337'	8
5.	Reed	7-7/8"	YT3	493'	16
6.	HTC	7-7/8"	OSC-3A	807'	16-1/2
7.	HTC	7-7/8"	OSC-38	137'	13-3/4
8.	Smith	7-7/8"	DT	205'	16-3/4
9.	HTC	7-7/8"	OSC3-A	231'	24-1/4
10.	Reed	7-7/8"	YT3A	115'	18-3/4
11.	Smith	7-7/8"	K2	147'	15-3/4
12.	Smith	7-7/8"	K2	129'	17-3/4
13.	Reed	7-7/8"	YS1G	125'	16-1/4
14.	Christensen	7-27/32"	Diamond	103'	
15.	Reed	7-7/8"	YH	154'	

LEO J. DREILING & SONS, INC.

HIKO BELL-DREILING NO. 1 FEDERAL
NW1/4 NW1/4 Section 21
Township 3 South, Range 24 East,
Uintah County, Utah

SAMPLE DESCRIPTIONS

By

Robert E. Covington, Geologist

580 - 590	Shale, black, siliceous, with ganoid fish scales. Trace pyrite.
590 - 600	Shale, as above, with some gray, dirty, tite sandstone. White bentonite, common.
600 - 610	Bentonite, gray-white.
610 - 630	Sandstone, white, bentonitic.
630 - 640	Sandstone, white, medium to course grain, with clear to frosted, sub-rounded grains with white bentonite binder. Trace pyrite.
640 - 650	Sandstone, as above, with some black chert pebbles.
650 - 660	Sandstone, as above, with grains becoming angular. Trace green shale, few pink grains.
660 - 670	Shale, gray to white, bentonitic, sandy, with some green shale.
670 - 740	As above, with some fine green, tan sandstone.
740 - 770	Shale, pale green, soft, with pyrite, rare. Sandstone, white, bentonitic, as above, common. Coal, rare.
770 - 780	Sandstone, white, bentonitic.

780 - 790 Limestone, white, chalky and limestone, tan, very finely crystalline, with some coal and green shale. Pale yellow mineral fluorescence, no cut in acetone.

790 - 800 Shale, pale green and limestone, as above, with some white bentonitic sandstone. Pyrite, rare.

800 - 810 Shale, green and shale, reddish-brown with some dark gray fine grain, tite sandstone. Limestone, white, as above, rare.

810 - 820 Limestone, brown, with shale, as above, common.

820 - 830 Limestone, tan, shaley and white finely crystalline with green and tan shale, common. Limestone, tan, finely crystalline, rare.

830 - 840 Shale, pale green, with some limestone, as above. Trace siltstone, white, calcareous.

840 - 850 Sandstone, white, bentonitic, with some shale and limestone, as above.

850 - 870 Shale, maroon, violet, green and brown, with some limestone, as above.

870 - 880 Shale, green, gray and limestone, white, shaley, with some free floating clear quartz crystals.

880 - 900 Shale, gray and violet, with some fine grain, gray silty sandstone. Chert, brick-red, angular, common. Increase in white and gray bentonitic sandstone, 890 to 900 feet.

900 - 930 Shale, lavender, sandy with some tan siltstone. Shale, green and shale, mottled green and red, rare. Shale, brick-red, sandy, rare.

930 - 940 Siltstone, tan, with fine black flecks (Mica?). Some shale, as above.

940 - 950 Shale, lavender, bentonitic with large, rounded to sub-rounded, amber chert grains, very common. Some gray and green shale.

950 - 960 Siltstone, buff-tan, with black flecks, as above, and sandstone, white, fine grain, tite, with milky and amber chert, very common. Shale, bright green, lavender and brown, common. Anhydrite, common.

960 - 970 Sandstone, white, medium grain and shale, as above. Chert, as above, very common. Trace mustard colored shale. Anhydrite, common.

970 - 1000 Chert, yellow, tan, white, angular to sub-angular and shale, as above. Chert, brick-red, common, anhydrite, common.

1000 - 1010 Shale, varicolored, with chert, as above, very common. Pyrite, rare.

1010 - 1020 Chert and shale, as above, 8" lag on samples.

1020 - 1050 Shale, gray-green and anhydrite, white, with limestone, white and tan, shaley, rare. (Deviation increased from 1-3/4 to 2-1/2 degrees in interval 1040 to 1100 feet.)

1050 - 1080 Shale, green and gray, with some white anhydrite, lavender shale, rare.

1080 - 1100 As above, with increase in anhydrite. Shale, mustard-yellow, rare. Some brick-red shale. Some gray, shaley limestone, 1090 to 1100 feet.

1100 - 1110 Sandstone, gray, fine to medium grain, dirty, tite and shale, varicolored, with anhydrite, common.

1110 - 1120 Limestone, gray, shaley and sandstone, white, medium fine grain, clayey with some tan siltstone and varicolored shale, as above.

1120 - 1130 Siltstone, gray, shaley and shale, varicolored, as above, with increase in brick-red shale.

1130 - 1140 Limestone, light and medium gray, shaley to finely crystalline, with varicolored shale, as above, common. Amber chert, rare to common.

1140 - 1160 Bentonite, white.

1160 - 1170 Shale, brown, green, lavender, mottled in part with anhydrite, common.

1170 - 1190 Shale and limestone, as above.

1190 - 1220 Shale, bright green, pale lavender and limestone, gray and white, shaley with some gray-green siltstone. Orange chert, common, with increase in silty to sandy brick red-shale, 1210 to 1220 feet.

1220 - 1240 Sandstone, white, bentonitic.

1240 - 1260 Shale, brick-red, soft, colors mud red.

1260 - 1280 Siltstone, gray and shale, green, brick-red, silty, checked log, 9" lag.

1280 - 1310 Sandstone, white, very bentonitic.

1310 - 1320 Sandstone, white, fine to very course grain, bentonitic with gray shale, very common. Some maroon and green shale.

1320 - 1340 Sandstone, tan, very fine grain, bentonitic. Pyrite, rare.

1340 - 1350 Sandstone, as above, with chert, milky white, common.

1350 - 1360 Shale, brown, green, gray and white, and siltstone, gray, very finely biotitic with milky to clear chert, common.

1360 - 1370 Sandstone, white, very bentonitic, medium to course grain, with clear to frosted, well-rounded to sub-rounded grains.

1370 - 1380 Sandstone, white, bentonitic, with orange chert, common. Trace limestone, buff, sucrosic, glauconitic, with orange chert and coal, common (caving).

1380 - 1390 Shale, gray, green, gray-green, brick-red with some brown glauconitic siltstone with anhydrite, common. Pyrite, rare.

1390 - 1400 Shale, brick-red, with some maroon, gray and green shale. Anhydrite, common.

1400 - 1420 Sandstone, white, bentonitic, as above.

1420 - 1430 Bentonite, tan, finely sandy.

1430 - 1440 Anhydrite, with some bentonite, as above.

1440 - 1460 Sandstone, white, bentonitic, fine to medium grain.

1460 - 1490 Sandstone, white, fine grain, hard, tite, with interlocked grains of sandstone, medium to course grain, friable, bentonitic, with sub-angular to sub-rounded grains, clear to frosted. Orange chert, common.

1490 - 1500 Siltstone, white, sandy to shaley with trace white crystalline limestone. Some sandstone and shale, as above.

1500 - 1510 Sandstone, white, medium to course grain with rounded, frosted grains, friable with orange chert, common.

1510 - 1520 Sandstone, as above, medium grain, friable, with angular orange and amber chert, common.

1520 - 1530 Siltstone, gray and gray-white, with some silty gray shale. Some limestone, white, very fine grain with black oolites.

1530 - 1550 Limestone, oolitic, gray with dark gray oolites.

1550 - 1560 Shale, gray-green, with limestone, as above, very common.

1560 - 1570 Siltstone, gray-green.

1570 - 1580 Sandstone, gray-green and gray-white, very fine grain with some siltstone, as above.

1580 - 1590 Limestone, gray, with white silty binder, oolitic with black oolites.

1590 - 1600 Siltstone, green-gray with some limestone, as above.

1600 - 1610 Siltstone, green-gray to gray-green, finely glauconitic, with some very fine grain gray-white sandstone.

1610 - 1620 Sandstone, white, very fine grain, glauconitic and siltstone, as above.

1620 - 1630 Sandstone, white, fine grain, oolitic with some gray-green siltstone, as above. Both sandstone and siltstone are glauconitic, in part.

1630 - 1640 Limestone, gray, oolitic, sandy, grading into gray, limey sandstone, oolitic.

1640 - 1650 Sandstone, gray-green, calcareous, fine grain, finely biotitic, tight.

1650 - 1670 Shale, gray, fissile with some sandstone and siltstone, as above.

1670 - 1680 Sandstone, gray, biotitic, fine grain, calcareous, tite, with some sandstone, salmon-red medium grain, with black oolites, silty and trace sandstone, tan, fine grain, clean.

1680 - 1690	Sandstone, salmon-red, silty, as above, finely glauconitic in part, with black oolites. Some tan sandstone, as above.
1690 - 1700	Sandstone, tan, as above, with increase in brick-red soft shale.
1700 - 1710	Sandstone, white, medium grain to medium course grain, clean, with well sorted, well rounded, frosted grains.
1710 - 1720	Sandstone, as above, with some brick-red, soft shale.
1720 - 1730	Sandstone, as above, with increase in red shale and in salmon-red, soft betonitic fine to medium course grain sandstone.
1730 - 1750	Sandstone, tan, medium fine grain, friable.
1750 - 1760	Sandstone, tan, bentonitic, fine grain.
1760 - 1780	Sandstone, salmon, bentonitic, fine grain.
1780 - 1800	Sandstone, as above, very bentonitic, fine to medium course grain.
1800 - 1860	Sandstone, salmon, bentonitic, fine grain.
1860 - 1880	Sandstone, tan, friable, medium to course grain.
1880 - 1900	Sandstone, white, very fine grain, bentonitic.
1900 - 1920	Sandstone, reddish-brown, medium grain, well sorted, with pyrite, rare.
1920 - 1940	Sandstone, red, bentonitic, with soft black hydro-carbon with vitreous luster, very common. Trace pyrite.
1940 - 1960	Sandstone, red, fine grain, shaley to silty, grading into siltstone.

1960 - 1970 Shale, brick-red and sandstone, as above, with trace white medium grain glauconitic, silty sandstone.

1970 - 1980 Sandstone, tan, medium grain, well sorted, silty, friable.

1980 - 1990 Sandstone, tan, fine to medium course grain, poorly sorted, clean to silty, with well rounded frosted grains with some orange grains, friable.

1990 - 2010 Sandstone, white, silty, fine to medium grain, friable, as above.

2010 - 2030 Sandstone, tan, fine to medium course grain, clean, friable, poorly sorted.

2030 - 2040 Sandstone, tan, as above, becoming silty to shaley.

2040 - 2050 Sandstone, white and tan, medium grain, with well rounded, frosted grains, with white silica binder, tite to porous, well sorted, with few pink grains.

2050 - 2060 Sandstone, white, medium to medium course grain, as above.

2060 - 2070 Sandstone, red, fine grain, tite to porous, friable.

2070 - 2100 Sandstone, white, fine to medium grain, very friable, porous, clean, with rounded to sub-rounded frosted grains, with some orange grains. Pyrite, rare.

2100 - 2140 Sandstone, white, medium to course grain, clean, tite to porous, friable, as above, with some red, fine grain, hard, tite sandstone.

2140 - 2180 Sandstone, tan, fine grain, friable, clean, as above.

2180 - 2210 Sandstone, red, fine grain, tite, silty.

2210 - 2240 Sandstone, white, fine to medium grain, friable, with increase in black, soft hydrocarbon (tar?). Has vitreous appearance of coal until broken and crushed. Has pitted appearance when not vitreous. Sometimes has sooty appearance. Brown color when crushed.

2240 - 2250 Sandstone, tan, white and red, as above, friable. No hydrocarbon.

2250 - 2280 Sandstone, brown, medium to course grain, friable, as above, with black angular hydrocarbon fragments, decreasing to trace, 2260 to 2280 feet.

2280 - 2290 Sandstone, red, fine grain, as above, with trace hydrocarbon.

2290 - 2300 Sandstone, tan, fine to course grain, friable, with black hydrocarbon, rare.

2300 - 2310 Sandstone, reddish-tan, fine to course grain, silty, tite. Pyrite, rare to common. Trace white anhydrite.

2310 - 2320 Sandstone, as above, fine grain, poorly sorted.

2320 - 2340 Sandstone, white, medium grain, well sorted, clean, friable, becoming fine to medium course grain, 2330 to 2340 feet.

2340 - 2350 Sandstone, tan and brown, medium grain, friable, as above.

2350 - 2360 Sandstone, white, medium fine grain, as above, friable. Trace black hydrocarbon.

2360 - 2390 Sandstone, red, medium grain, well sorted, as above, becoming fine to medium course grain, 2370 to 2390 feet.

2390 - 2400 Sandstone, white, medium grain, silty, tite.

2400 - 2420 Sandstone, tan and reddish brown, medium to medium course grain.

2420 - 2440 Sandstone, white, medium grain, well sorted, with white clay binder, tite. Some white anhydrite.

2440 - 2490 Sandstone, white, very fine to medium course grain, as above.

2490 - 2500 As above, with trace pyrite. Sand nearly all washed out.

2500 - 2530 Siltstone, red, as above, and sandstone, brown, as above. Sand washed out.

2530 - 2550 Sandstone, white, medium to course grain, friable, trace pyrite. White lime cement.

2550 - 2570 As above, with black hydrocarbon pieces, very common.

2570 - 2590 Sandstone, red, fine grain and sandstone, white, medium grain with some black hydrocarbon, as above.

2590 - 2610 As above, with increase in tar grains.

2610 - 2640 Sandstone, white, medium to course grain, conglomeritic in part, friable, sub-angular with some tar grains, as above. Trace pyrite.

2640 - 2670 Sandstone, tan, medium fine to medium grain, well sorted, with rounded grains.

2670 - 2680 Sandstone, red, very fine grain, silty and sandstone, white, fine grain, well sorted, tite.

2680 - 2700 Sandstone, red, fine grain, as above.

2700 - 2710 Sandstone, as above, and siltstone, red, as above.

2710 - 2760 Sandstone, red, medium fine grain, well sorted, clean, friable.

2760 - 2790 Shale, brick-red, silty, with some sandstone, as above.

2790 - 2800 Sandstone, red, medium fine grain, silty, tite. Tar, common.

2800 - 2820 Sandstone, red, medium grain to fine grain, as above, with trace sandstone, white, coarse grain, with black tar.

2820 - 2850 Shale, red, silty to finely sandy. Trace pyrite. Increase in red sandstone, as above, 2840 to 2850 feet.

2850 - 2880 Sandstone, red, medium fine grain, silty, with some anhydrite. Some red siltstone.

2880 - 2888 Siltstone, red, hard and sandstone, as above. Anhydrite, common. Pyrite, rare. Sandstone, white, course grain, with brown oil stain, good fast cut, good fluorescense. Brown oil on 25% of sample.

2888 Circulated 15 minutes - shale, yellow, gypsiferous.

Circulated 30 minutes - shale, as above.

2888 - 2893 Drilled 5 feet - shale, as above, with tar pieces, very common.

Circulated 15 minutes - shale.

2893 - 2900 Shale, yellow, soft, gypsiferous, with black tar, very common.

2900 - 2910 Shale, as above, with tar, as above.

2910 - 2920 Shale, as above, and tar, rare to common.

2920 - 2930 As above, with some white, course grain, angular sandstone with frosted grains.

2930 - 2940 Shale, yellow, as above, and siltstone, with trace gray, dense, finely crystalline limestone.

2940 - 2941 Drilled 1 foot - Circulated 15 minutes - sandstone, conglomeratic, with large, clear to frosted, angular to sub-rounded grains, free floating, with some medium course black chert grains.

Circulated 30 minutes: as above.

Circulated 45 minutes: as above.

2941 - 2946 Drilled 5 feet - circulated 15 minutes - sandstone, as above.

Circulated 30 minutes - as above.

2946 - 2960 Sandstone, course grain to fine grain with white silica binder and with frosted, sub-rounded to sub-angular grains, large pink angular grains, common.

2960 - 2970 Sandstone, white, conglomeratic, fine to course grain, with white silica binder and with some black chert and large pink rounded to angular grains.

2970 - 2990 Sandstone, fine grain with some conglomeratic sandstone, as above, with trace pyrite.

2990 - 3010 Sandstone, course grain, clean, friable, with clear, sub-rounded grains, fairly well sorted, becoming frosted at 3000 to 3010 feet.

3010 - 3020 Sandstone, as above, with black, tar hydrocarbon composing 25% of sample.

3020 - 3030 Sandstone, course grain, conglomeratic, with sharp, white chert fragments, very common, clean, with no hydrocarbon fragments.

3030 - 3040 Sandstone, as above, and shale, red and yellow, gypsiferous, soft, sluffy.

3040 - 3060 Siltstone, red, shaley, with some yellow gypsiferous shale, as above.

3060 - 3080 Siltstone, as above, and yellow shale, as above.

3080 - 3110 Shale, red, silty and shale, yellow, gypsiferous, with very fine grain sandstone, friable, common, with trace white calcite with black hydrocarbon interbedded, 3090 to 3100 feet.

3110 - 3140 Shale, yellow, gypsiferous, with increase in white gypsum, 3110 to 3120 feet. Black hydrocarbon pieces, common, 3110 to 3120 feet.

3140 - 3150 Shale, brick-red, soft.

3150 - 3180 Shale, yellow and red with considerable gypsum.

3180 - 3210 Shale, as above.

3210 - 3230 Siltstone, red, with shale, yellow and gypsum, common.

3230 - 3260 Siltstone and shale, as above, with gypsum, common.

3260 - 3290 Shale, red, soft, sluffy.

3290 - 3310 Siltstone, red, hard.

3310 - 3320 Mudstone, medium gray, bentonitic.

3320 - 3330 Shale, light and dark gray, waxy, with some medium gray finely sandy shale.

3330 - 3340 Claystone, light gray with some waxy, maroon shale and with some varigated maroon and green shale.

3340 - 3350 Shale, brown and gray with some dirty course grain, friable sandstone with siltstone, bright red, shaley, rare.

3350 - 3360 Shale, pale green, light and dark gray, chocolate brown with some bright red siltstone, as above, and with sharp, angular, amber and clear chert.

3360 - 3380 Shale, as above, with some medium brown finely crystalline dense limestone and an increase in bright red, waxy shale to very common, 3370 to 3380 feet. Chert, as above, angular to sub-rounded, very common.

3380 - 3400 Shale, pale green, clayey, with some red and gray shale, as above.

3400 - 3410 Shale, as above, with some bright red, waxy shale and white gypsum, common. Shale, maroon and brick-red, rare.

3410 - 3430 Shale, light gray, waxy and medium gray, fissile, with brick-red, brown, bright-red waxy shale, common. Black hydrocarbon on slickensiding, common. Lilac colored shale, rare.

3430 - 3450 Claystone, pale green and gray with some chocolate brown, waxy shale. Pyrite, rare.

3450 - 3460 Shale, pale green and violet, with some mottled green and maroon shale.

3460 - 3470 Shale, varigated, green, gray, brown, purple.

3470 - 3480 Shale, dark and light gray, waxy, with some shale, as above. Trace olive shale.

3480 - 3490 Shale, brick-red, silty, finely micaceous, and shale, dark gray, waxy and gray-black, fissile.

3490 - 3500 Sandstone, red, fine grain, silty.

3500 - 3510 Siltstone, brick-red.

3510 - 3520 Siltstone, red and shale, yellow, gypsiferous with sandstone, very fine grain, white, hard, tite, common.

3520 - 3530 Siltstone, as above, and shale, brick-red.

3530 - 3540 Shale, brick-red, soft.

3540 - 3550 Shale and siltstone, as above.

3550 - 3570 Shale and siltstone, as above, with increase in white fine grain, tite sandstone, with soft yellow, gypsiferous shale, common, 3560 to 3570 feet.

3570 - 3580 Siltstone, red, hard, tite, as above.

3580 - 3590 Shale, medium gray and pale green, with limestone, tan to buff, finely crystalline, sharp.

3590 - 3600 Shale, gray, waxy, with some green and red shale, as above. Spotty light brown oil fluorescense on samples, rare. Fluorescent pale-blue to bright blue. Fast cut in CCl_4. Yellow ring on spot plate under ultraviolet light.

3600 - 3610 Shale, gray, with some red shale, as above. Fluorescense, as above, rare.

3610 - 3620 Shale, red, soft, gypsiferous, finely sandy, with some shale, as above.

3620 - 3630 As above, with white anhydrite, common, with spotty oil fluorescense, pale blue, as above.

3630 - 3640 Shale, red bentonitic, as above, with yellow, bentonitic shale, common.

3640 - 3670 Shale, yellow, gypsiferous and mudstone, red.

3670 - 3710 Shale, as above, with few pieces white limestone. Spotty oil fluorescence, with fast cut and blue fluorescence. Yellow ring on spot plate. Sandstone, fine grain, friable, common.

3710 - 3720 Shale, gray and shale, gray-white, with some fine grain, white sandstone with tar.

3720 - 3730 Sandstone, white, fine grain, with tar and siltstone, white, fine grain, hard, tite. Gray shale, common.

3730 - 3740 Sandstone, white, fine grain, calcareous, heavily impregnated with tar. No fluorescence in sandstone but gives pale yellow fast to medium fast cut. Bright yellow oil fluorescence of brown oil staining on samples, rare, but has bright yellow fluorescence and fast cut with bright yellow ring on spot plate, 15% of sample fluoresces.

3740 - 3750 Sandstone, as above, with some black and white laminations of saturated tar bandings and medium gray shale with trace brown, finely crystalline limestone. Yellow fluorescence, rare.

3750 - 3760 Shale, white, calcareous and gray, soft, with some sandstone as above.

3760 - 3770 Shale, as above, with some sandstone, as above. Shale is light gray, white, dark gray.

3770 - 3780 Sandstone, asphalt impregnated, fine grain, calcareous and siltstone, calcareous, white, asphalt impregnated with white and gray calcareous shale, as above.

3780 - 3790 Shale, red and green with some sandstone and siltstone, as above.

3790 - 3800 Siltstone, white, calcareous, asphalt impregnated, no fluorescence. One long piece tar with impregnated sand grains with some pale green shaley limestone and trace brown, sucrosic dolomite, with bright yellow fluorescence with fast cut.

3800 - 3810 Limestone, gray, finely sandy, asphalt impregnated with very faint yellow fluorescence and with slow cut. Trace limestone, brown, sucrosic. Trace limestone, gray, finely crystalline.

3810 - 3820 Limestone, tan and white, with some siltstone and limestone with tar stain. Some yellow fluorescence in limestone, giving instant cut.

3820 - 3830 Siltstone, red and shale, red.

3830 - 3840 Limestone, tan, finely crystalline with white soft, chalky limestone with black dead oil. Some shale, gray, with black dead oil.

3840 - 3885 Core Number 1 (See separate report).

3885 - 3944 Core Number 2 (See separate report).

3944 - 4147 Sandstone, white and tan, fine to medium fine grain, sucrosic, friable, soft, wet, with some shaley streaks.

T.D. 4147

HIKO BELL-DREILING NO. 1 FEDERAL

CORE #1

CORE #1: CORED 3840 TO 3885. RECOVERED 40.4 FEET

3840 - 3849	Limestone, medium gray, dense.
3849 - 3850	Shale, green-gray, waxy to dense, calcareous.
3850 - 3861	Limestone, medium gray, as above, with vertical fractures, 3854.5 to 3861.0, finely pyritic, dense.
3861 - 3864	Shale, green and gray-green, with some copper (malachite) staining, finely pyritic, becoming finely sandy, tite, calcareous at base.
3864 - 6867	Limestone, white, sandy, hard, tite, with banding of dead oil. Highly saturated, 3667 to 3868 feet. Hairline vertical fracturing throughout. Good odor of gas and oil.
3867 - 3868	Limestone, white, sandy with black banding of dead oil. Some fluorescence of light oil with pale yellow fluorescense. Good gassy odor on break. Gives instantaneous cut in CCI_4 with bright fluorescence. Fine, hairline fractures. Pinpoint porosity at 3867.5 feet.
3868 - 3870	Limestone, green, shaley, dense.
3870 - 3870.5	Limestone, green, shaley, with sandy patches with good oil and gas odor and with dead oil banding. Fractures, as above, from 3870.5 to 3871.5 feet.
3870.5 to 3873	Limestone, medium gray with interbedded dark green waxy shale with some fine fractures, as above. Fine patches of malachite.
3873 - 3875	Shale, dark green, laminated, calcareous.

HIKO BELL-DREILING NO. 1 FEDERAL

(CORE #1 - CONTINUED)

3875 - 3876	Limestone and shale, green, cherty, dense with chert nodules.
3876	Shale, dark gray, waxy, flat dip, laminated.
3876 - 3877.5	Limestone, dark green, shaley, finely sandy, with patches dead oil and good odor.
3877.5 - 3878	As above.
3878 - 3879.5	Limestone, dark gray, dense, lithographic, with cherty limestone.
3879.5 - 3879.6	Limestone, dark green-gray with black phosphatic nodule zone.
3879.6 - 3880.4	Limestone, medium gray, with sandy patches with copper staining, strongly pyritic.
3880.4 - 3885	No recovery.

HIKO BELL-DREILING NO. 1 FEDERAL

CORE #2

CORE #2: CORED 3885 to 3944, CORED 58 FEET. FULL RECOVERY

3885 - 3888	Limestone, green, dense, dolomitic.
3888 - 3890	Sandstone, white, fine grain, hard, tite, cross-bedded, with dead oil streaks throughout.
3890 - 3940	Sandstone, white and tan, fine grain, highly cross-bedded, porous, permeable, with some clay streaks, wet.
3940 - 3944	Sandstone, tan, fine grain, sucrosic, very friable, soft, wet.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER **Dry Hole**

2. NAME OF OPERATOR
Lee J. Dreiling & Sons, Inc.

3. ADDRESS OF OPERATOR
Victoria, Kansas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
410' FNL & 910' FWL: NW¼ NW¼ Section 21

5. LEASE DESIGNATION AND SERIAL NO.
U-3863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Mike Bell-Dreiling #1 Re

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 21, Township 3S. Range 24E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5768.5 gr.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)				(Other)			

Intent Only per BLM

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well was drilled with rotary tools to T.D. 4147'. Drilled 15" hole to 205'. Set 10-3/4", National 36# casing set at 193.0'. Cemented with 160 sacks regular cement, with 2% $CaCl_2$. Drilled 7-7/8" hole to T.D. Plugged well with U.S.G.S. approval as follows:

Cement plug with 25 sacks, 3900' to 3815' across Weber.
Cement plug with 20 sacks, 2955' to 2885' across Shinarump.
Cement plug with 20 sacks, 2000' to 1940' across Navajo.
Cement plug with 20 sacks, 1760' to 1700' across Entrada.
Cement plug with 30 sacks, 700' to 600' across ~~Dakota~~ Lakota.
Cement plug at 181' with 20 sacks half in and half at bottom of surface casing.
Set dry hole marker.
Propose to clean location and fence pits.

Total Cement used: 135 sacks.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert E. Covington TITLE **Geologist** DATE **November 26, 1968**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-3863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

7. UNIT AGREEMENT NAME:

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

8. FARM OR LEASE NAME:

2. NAME OF OPERATOR: Leo J. Dreiling & Sons, Inc.

9. WELL NO.: Hiko Bell-Dreiling #1 Fed

3. ADDRESS OF OPERATOR: Victoria, Kansas

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 410 FNL & 910 FWL Section 21 (NW¼ NW¼)
At top prod. interval reported below: Same
At total depth: Same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 21, Township 3 S. Range 24 E., SLM

14. PERMIT NO. / DATE ISSUED

12. COUNTY OR PARISH: Uintah | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-7-68	11-23-68	11-24-68	5768.5 gr.	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4147			→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: None

27. WAS WELL CORED: Yes

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	36#	193.0	15"	160 SX.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*): None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*) | TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Robert E. Lemmon TITLE Vice President DATE 11/27/68

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Frontier	Surface	200'	See attached descriptions.
Mowry	200'	325'	
Dakota	325'	373'	
Fuson	373'	600'	
Lakota	600'	660'	
Morrison	660'	1496'	
Curtis	1496'	1749'	
Entrada	1749'	1849'	
Carmel	1849'	1955'	
Navajo	1955'	2750'	
Chinle	2750'	2962'	
Shinarump	2962'	3036'	
Moenkopi	3036'	3773'	
Phosphoria	3773'	3890'	
Weber	3890'		

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

DEC 2 1963

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

January 9, 1969

Leo J. Dreiling & Sons, Inc.

Victoria, Kansas

Re: Well No. Hiko Bell-Dreiling Fed. #1, Sec. 21, T. 3 S., R. 24 E., Well No. Hiko Bell Fee #1, Sec. 20, T. 5 S., R. 23 E., Uintah County, Utah.

Gentlemen

In checking our files, it has come to the attention of this office that you have not as yet filed the water sands encountered while drilling for the above mentioned well.

Please complete the enclosed Form OGC-8-X, and return to this office as soon as possible.

Thank you for your cooperation with respect to this request.

Sincerely,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

sc

Enclosures: Form OGC-8-X

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER **Dry Hole**
2. NAME OF OPERATOR **Leo J. Dreiling & Sons, Inc.**
~~Hiko Bell Mining & Oil Company~~
3. ADDRESS OF OPERATOR
Victoria, Kansas
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
410 FNL & 910 FWL Section 21 (NW1/4 NW1/4)
5. LEASE DESIGNATION AND SERIAL NO. **U-3863**
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
9. WELL NO. **Hiko Bell - Dreiling #1 Fed.**
10. FIELD AND POOL, OR WILDCAT **Wildcat**
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **Section 21, T. 3South Range 24 E., SLM**
12. COUNTY OR PARISH **Uintah**
13. STATE **Utah**
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) **5768.5 gr.**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)							

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Hole was plugged as per notice of November 27, 1968.

Location was properly cleaned and pits were filled. Location is ready for inspection and approval of abandonment.

PA'd per BJm

18. I hereby certify that the foregoing is true and correct

SIGNED Robert E. Covington TITLE Geologist DATE August 5, 1969

(This space for Federal or State office use)

APPROVED BY ____ TITLE ____ DATE ____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Hiko Bell-Dreiling #1 Fed

Operator Leo J. Dreiling & Sons, Inc Address Victoria, Kansas Phone 913+735-4110

Contractor Dreiling Drilling, Inc. Address 608 Petroleum Club Building, Denver Phone 303+623-6144

Location NW ¼ NW ¼ Sec. 21 T. 3 ☒ S R. 24 E ☐ W Uintah County, Utah

Water Sands:

	Depth		Volume	Quality
	From	To	Flow Rate or Head	Fresh or Salty
1.	600	660	Not known	Fresh
2.	None			
3.	None			
4.	None			
5.	None			

(Continue on reverse side if necessary)

Formation Tops:

(See reverse side)

Remarks:

NOTE:
(a) Upon diminishing supply forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

RULE C-20 REPORTING OF FRESH SANDS.

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to this office all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered and the thickness of such sands, and the rate of flow of water if known.

If no fresh water sands are encountered, it is requested that a negative report to that effect be filed.

Formation Tops:

Formation	Top	Mean Sea Elevation
Frontier	Surface	
Mowry	200'	+5578
Dakota	325'	+5453
Fuson	373'	+5405
Lakota	600'	+5178
Morrison	660'	+5118
Curtis	1496'	+4282
Entrada	1749'	+4029
Carmel	1849'	+3929
Navajo	1955'	+3823
Chinle	2750'	+3028
Shinarump	2962'	+2816
Moenkopi	3036'	+2742
Phosphoria	3773'	+2005
Weber	3890'	